

Abstract

The automatic work apparatus extracts the target image of which
photos are taken by the left and right CCD cameras, specifies
5 the spatial position of the target and executes an operation
to the target by the arm. Two regions, the central region and
the peripheral ones, allocated to the image taken by the CCD
camera so that if the target image stays in the peripheral
10 target image in the central portion and the position
determining module determines the spatial position of the
target and then tasks are done for the targets. The relative
distance from the target is adjusted by transfer equipment.
This invention is applicable to an automatic work apparatus
15 that can operate a predetermined operation for moving target
and an automatic operation control program to carry out such
operation.